

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N.W., SUITE 600

WASHINGTON, D.C. 20005-3934

www.skpf.com

PHONE (202) 371-2600 FACSIMILE (202) 371-2540

ROBERT GREENE  
EDWARD J. KESSLER  
JORGE A. GOLDSTEIN  
SAMUEL L. FOX  
DAVID K.S. CORNWELL  
ROBERT W. ESMOND  
TRACY-GENE G. DURKIN  
MICHELE A. CIMBALA  
MICHAEL B. RAY  
ROBERT E. SOKOHL  
ERIC K. STEFFE  
MICHAEL Q. LEE

STEVEN R. LUDWIG  
JOHN M. COVERT\*  
LINDA E. ALCORN  
RAZ E. FLESHNER  
ROBERT C. MILLONIG  
MICHAEL V. MESSINGER  
JUDITH U. KIM  
TIMOTHY J. SHEA, JR.  
DONALD R. MCPHAIL  
PATRICK E. GARRETT  
STEPHEN G. WHITESIDE  
JEFFREY T. HELVEY\*

HEIDI L. KRAUS  
JEFFREY R. KURIN  
RAYMOND MILLIEN  
PATRICK D. O'BRIEN  
LAWRENCE B. BUGAISKY  
CRYSTAL D. SAYLES\*  
EDWARD W. YEE  
ALBERT L. FERRO\*  
DONALD R. BANOWIT  
PETER A. JACKMAN  
MOLLY A. MCCALL  
TERESA U. MEDLER

JEFFREY S. WEAVER  
KRISTIN K. VIDOVICH  
KENDRICK P. PATTERSON  
DONALD J. FEATHERSTONE  
GRANT E. REED  
VINCENT L. CAPUANO  
JOHN A. HARROUN\*  
MATTHEW M. CATLETT\*  
NATHAN K. KELLEY\*  
ALBERT J. FASULO II\*  
W. BRIAN EDGE\*

KAREN R. MARKOWICZ\*\*  
SUZANNE E. ZISKA\*\*  
BRIAN J. DEL BUONO\*\*  
ANDREA J. KAMAGE\*\*  
NANCY J. LEITH\*\*  
TARJA H. NAUKKARINEN\*\*

\*BAR OTHER THAN D.C.  
\*\*REGISTERED PATENT AGENTS

June 26, 2000

WRITER'S DIRECT NUMBER:

(202) 789-5525

INTERNET ADDRESS:

BRIAND@SKGF.COM

Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Utility Patent Application  
Appl. No. 09/266,935; Filed: March 12, 1999  
For: **Compositions and Methods for Enhanced Synthesis of Nucleic  
Acid Molecules**  
Inventors: Li *et al.*  
Our Ref: 0942.4560001/RWE/BJD

Sir:

Transmitted herewith for appropriate action are the following documents:

1. PTO Fee Transmittal Form (PTO/SB/17);
2. Check No. 27892 in the amount of \$240.00 to cover the appropriate fee for filing of an Information Disclosure Statement;
3. Supplemental Amendment Under 37 C.F.R. § 1.111;
4. Third Supplemental Information Disclosure Statement Under 37 C.F.R. § 1.97(c) (in duplicate);
5. Three pages of Form PTO-1449 citing 13 documents;
6. A copy of each of the 13 cited documents; and
7. Return postcard.

Commissioner for Patents

June 26, 2000

Page 2

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.




Brian J. Del Buono  
Agent for Applicants  
Registration No. 42,473

BJD/nef  
Enclosures

FEE TRANSMITTAL for FY 2000 <i>Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.</i>		Complete if Known	
		Application Number	09/266,935
		Filing Date	March 12, 1999
		First Named Inventor	LI et al.
		Examiner Name	Riley, J.
		Group / Art Unit	1656
TOTAL AMOUNT OF PAYMENT		(\$)	240.00
		Attorney Docket Number	0942.4560001/RWE/BJD

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																		
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:  Deposit Account Number: 19-0036 Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.  <input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17	3. ADDITIONAL FEES  <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr><tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td>240.00</td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr></tbody></table>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	380	216	190	Extension for reply within second month		117	870	217	435	Extension for reply within third month		118	1,360	218	680	Extension for reply within fourth month		128	1,850	228	925	Extension for reply within fifth month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,210	241	605	Petition to revive - unintentional		142	1,210	242	605	Utility issue fee (or reissue)		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt	240.00	581	40	581	40	Recording each patent assignment per property (times number of properties)		146	690	246	345	Filing a submission after final rejection (37 CFR 1.129(a))		149	690	249	345	For each additional invention to be examined (37 CFR 1.129(b))	
Large Fee Code		Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																													
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																															
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																															
139	130	139	130	Non-English specification																																																																																																																																																															
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																															
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																															
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																															
115	110	215	55	Extension for reply within first month																																																																																																																																																															
116	380	216	190	Extension for reply within second month																																																																																																																																																															
117	870	217	435	Extension for reply within third month																																																																																																																																																															
118	1,360	218	680	Extension for reply within fourth month																																																																																																																																																															
128	1,850	228	925	Extension for reply within fifth month																																																																																																																																																															
119	300	219	150	Notice of Appeal																																																																																																																																																															
120	300	220	150	Filing a brief in support of an appeal																																																																																																																																																															
121	260	221	130	Request for oral hearing																																																																																																																																																															
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																															
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																															
141	1,210	241	605	Petition to revive - unintentional																																																																																																																																																															
142	1,210	242	605	Utility issue fee (or reissue)																																																																																																																																																															
143	430	243	215	Design issue fee																																																																																																																																																															
144	580	244	290	Plant issue fee																																																																																																																																																															
122	130	122	130	Petitions to the Commissioner																																																																																																																																																															
123	50	123	50	Petitions related to provisional applications																																																																																																																																																															
126	240	126	240	Submission of Information Disclosure Stmt	240.00																																																																																																																																																														
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																															
146	690	246	345	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																															
149	690	249	345	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																															
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> Other* *Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.																																																																																																																																																																			
FEE CALCULATION																																																																																																																																																																			
1. BASIC FILING FEE																																																																																																																																																																			
<table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>101</td><td>690</td><td>201</td><td>345</td><td>Utility filing fee</td><td></td></tr><tr><td>106</td><td>310</td><td>206</td><td>155</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>480</td><td>207</td><td>240</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>690</td><td>208</td><td>334</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5">SUBTOTAL (1) (\$)</td><td></td></tr></tbody></table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	690	201	345	Utility filing fee		106	310	206	155	Design filing fee		107	480	207	240	Plant filing fee		108	690	208	334	Reissue filing fee		114	150	214	75	Provisional filing fee		SUBTOTAL (1) (\$)																																																																																																																													
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																														
101	690	201	345	Utility filing fee																																																																																																																																																															
106	310	206	155	Design filing fee																																																																																																																																																															
107	480	207	240	Plant filing fee																																																																																																																																																															
108	690	208	334	Reissue filing fee																																																																																																																																																															
114	150	214	75	Provisional filing fee																																																																																																																																																															
SUBTOTAL (1) (\$)																																																																																																																																																																			
2. EXTRA CLAIM FEES																																																																																																																																																																			
<table border="1"><thead><tr><th>Total Claims</th><th>Extra</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>33</td><td>- 33** =</td><td>X</td><td>00.00</td></tr><tr><td>Indep. Claims 2</td><td>- 3** =</td><td>X</td><td>00.00</td></tr><tr><td>Multiple Dependent</td><td></td><td></td><td>00.00</td></tr></tbody></table> <p>** or number previously paid, if greater; For Reissues, see below</p> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th></tr></thead><tbody><tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr><tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td></tr><tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Multiple dependent claim</td></tr><tr><td>108</td><td>78</td><td>209</td><td>39</td><td>**Reissue independent claims over original patent</td></tr><tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr><tr><td colspan="5">SUBTOTAL (2) (\$)</td></tr></tbody></table>		Total Claims	Extra	Fee from below	Fee Paid	33	- 33** =	X	00.00	Indep. Claims 2	- 3** =	X	00.00	Multiple Dependent			00.00	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	78	202	39	Independent claims in excess of 3	104	260	204	130	Multiple dependent claim	108	78	209	39	**Reissue independent claims over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) (\$)																																																																																																																			
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																
33	- 33** =	X	00.00																																																																																																																																																																
Indep. Claims 2	- 3** =	X	00.00																																																																																																																																																																
Multiple Dependent			00.00																																																																																																																																																																
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description																																																																																																																																																															
103	18	203	9	Claims in excess of 20																																																																																																																																																															
102	78	202	39	Independent claims in excess of 3																																																																																																																																																															
104	260	204	130	Multiple dependent claim																																																																																																																																																															
108	78	209	39	**Reissue independent claims over original patent																																																																																																																																																															
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																															
SUBTOTAL (2) (\$)																																																																																																																																																																			
Other fee (specify): Other fee (specify): *Reduced by Basic Filing Fee Paid																																																																																																																																																																			
SUBTOTAL (3) (\$)																																																																																																																																																																			
240.00																																																																																																																																																																			

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Brian J. Del Buono	Reg. Number	42,473
Signature		Date	June 26, 2000
		Deposit Acct. User ID	

WARNING:  
Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.